Table 59. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, July 2022 (Thousand Barrels)

		From 1 to		From 2 to			
Commodity	2	3	5	1	3	5	
Crude Oil	150	0	_	362	. (	-	
Petroleum Products	50	0	0	1,246	3,205	0	
Natural Gas Liquids	_	0	_	, 0	0	_	
Ethane	_	_	_	_	_	_	
Propane	_	0	_	0	0	_	
Normal Butane	_	_	_	_	_	_	
Isobutane	_	_	_	_	_	_	
Natural Gasoline	_	_	_	_	_	_	
Unfinished Oils	50	0	0	0	1.306	0	
Motor Gasoline Blending Components	0	0	_	532	138	_	
Reformulated - RBOB	_	_	_	-	100	_	
Conventional	0	0		532	138		
CBOB	0	0		532	61		
GTAB	U	U		332	01		
Other	_	_ 0	_	0	- 77	_	
Biofuels (including Fuel Ethanol)	0	0	0	141	636	0	
Fuel Ethanol	0	0	U	141	614	U	
Biodiesel	0	0	_	141	22	_	
	U	0	-	_	0	_	
Renewable Diesel Fuel Other Biofuels <sup>1</sup>	_	U	U	_	U	U	
	_		-	43	204	_	
Finished Motor Gasoline	U	U	-	43	204	-	
Reformulated	-	_	-	1	_	_	
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	_	
Reformulated Other	-	-	-	-	_	-	
Conventional	0	0	-	43	204	-	
Conventional Blended with Fuel Ethanol	-	_	-	-	-	-	
Ed55 and Lower	-	-	-	-	-	-	
Greater than Ed55	-	_	-	-	_	_	
Conventional Other	0	0	-	43	204	-	
Finished Aviation Gasoline	-	0	-	0	0	_	
Kerosene-Type Jet Fuel	0	0	-	0	0	-	
Kerosene	-	_	-	-	-	-	
Distillate Fuel Oil	0	0	-	430	42	-	
15 ppm sulfur and under	0	0	_	430	42	_	
Greater than 15 ppm to 500 ppm sulfur	0	0	-	-	0	-	
Greater than 500 ppm sulfur	-	0	-	0	0	_	
Residual Fuel Oil	0	0	-	-	687	-	
Less than 0.31 percent sulfur	0	0	_	-	94	_	
0.31 to 1.00 percent sulfur	0	0	-	-	365	_	
Greater than 1.00 percent sulfur	0	0	-	-	228	-	
Petrochemical Feedstocks	0	0	-	-	117	_	
Naphtha for Petrochemical Feedstock Use	0	0	-	-	94	_	
Other Oils for Petrochemical Feedstock Use	0	0	_	-	23	-	
Special Naphthas	0	0	-	-	50	_	
Lubricants	0	0	_	0	9	_	
Waxes	-	_	_	_	_	_	
Marketable Petroleum Coke	_	_	_	-	-	_	
Asphalt and Road Oil	0	0	_	100	16	_	
Miscellaneous Products	0	0	-	-	0	-	
Total	200	0	0	1,608	3,205		

See footnotes at end of table.

Table 59. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, July 2022 (Thousand Barrels) — Continued

Biofuels (including Fuel Ethanol) Fuel Ethanol Biodiesel Renewable Diesel Fuel Other Biofuels¹ Finished Motor Gasoline Reformulated Reformulated Blended with Fuel Ethanol Reformulated Other Conventional Conventional Blended with Fuel Ethanol Ed55 and Lower Greater than Ed55 Conventional Other Finished Aviation Gasoline Kerosene-Type Jet Fuel Distillate Fuel Oil Sittle Fuel Oil Greater than 15 ppm to 500 ppm sulfur Greater than 500 ppm sulfur Residual Fuel Oil Less than 0.31 percent sulfur 0.31 to 1.00 percent sulfur	52 - 52 - - - - 50 22 - - 22		Central Atlantic  1,552  888	Lower Atlantic	2 0 2,176 - - - - - 670 492 178 - 492 178 - 314 0 0 0	5 617 - - - 276 - - - 341 - 341	1 0 0 0 0 - 0 0 0 0 0 0 0 0 0	2 0 0 0	3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Petroleum Products Natural Gas Liquids Ethane Propane Normal Butane Isobutane Natural Gasoline Unfinished Oils Motor Gasoline Blending Components Conventional Other Biofuels (including Fuel Ethanol) Fuel Ethanol Biodiesel Renewable Diesel Fuel Other Biofuelsd Motor Gasoline Reformulated Other Conventional Sinsihed Motor Gasoline Reformulated Reformulated Reformulated Reformulated Reformulated Sinsihed Motor Gasoline Reformulated Reformulated Other Conventional Conventional Sinsihed Motor Gasoline Reformulated Other Conventional Sinsihed Motor Gasoline Reformulated Other Conventional Sinsihed Motor Gasoline Reformulated Other Sinsihed Aviation Gasoline Kerosene-Type Jet Fuel Sittlilate Fuel Oil	97 52 	-	888    50 298  298	52 - 52 - - 10,424 - 10,424 10,424 - - 15 15	2,176 - - - - - 670 492 - 492 178 - 314 0 0	276 - - - 276 - - - - 341 -	0 0 0 - 0 - 0 0 0 0 0 0 0	0 	
Natural Gas Liquids Ethane Propane Normal Butane Isobutane Natural Gasoline Unfinished Oils Motor Gasoline Blending Components Conventional CBOB Conventional Other Biofuels (including Fuel Ethanol) Fuel Ethanol Biodiesel Renewable Diesel Fuel Other Biofuels¹ Finished Motor Gasoline Reformulated Reformulated Blended with Fuel Ethanol Reformulated Other Conventional Conventional Biodiesel Reformulated Selended with Fuel Ethanol Reformulated Reformulated Other Conventional Conventional Selended with Fuel Ethanol Ed55 and Lower Greater than Ed55 Conventional Other Finished Aviation Gasoline Kerosene-Type Jet Fuel Sitillate Fuel Oil	52 - 52 - - 50 22 - 22 24 - 98 15		- - - - 50 298 - 298	52 - 52 - - 10,424 - 10,424 10,424 - - 15 15	- - - 670 492 - 492 178 - 314 0 0	276 - - - 276 - - - - 341 -	0 - 0 - - 0 0 0 0 - 0 0	0 - 0 0 0 - 0 0	
Natural Gas Liquids Ethane Propane Normal Butane Isobutane Natural Gasoline Unfinished Oils Motor Gasoline Blending Components Conventional CBOB Conventional Other Biofuels (including Fuel Ethanol) Fuel Ethanol Biodiesel Renewable Diesel Fuel Other Biofuels¹ Finished Motor Gasoline Reformulated Reformulated Blended with Fuel Ethanol Reformulated Other Conventional Conventional Biodiesel Reformulated Selended with Fuel Ethanol Reformulated Reformulated Other Conventional Conventional Selended with Fuel Ethanol Ed55 and Lower Greater than Ed55 Conventional Other Finished Aviation Gasoline Kerosene-Type Jet Fuel Sitillate Fuel Oil	52 - 52 - - 50 22 - 22 24 - 98 15	-	- - - - 50 298 - 298	52 - 52 - - 10,424 - 10,424 10,424 - - 15 15	- - - 670 492 - 492 178 - 314 0 0	276 - - - 276 - - - - 341 -	- - 0 0 0 - 0 0 0 0	0 - 0 0 0 - 0 0	
Ethane Propane Normal Butane Isobutane Natural Gasoline Unfinished Oils Motor Gasoline Blending Components Reformulated - RBOB Conventional Other Biofuels (including Fuel Ethanol) Fuel Ethanol Biodiesel Renewable Diesel Fuel Other Biofuels¹ Finished Motor Gasoline Reformulated Blended with Fuel Ethanol Reformulated Other Conventional Conventional Conventional Conventional Conventional Fuel Ethanol Reformulated Other Conventional Conventional Conventional Sid55 and Lower Greater than Ed55 Conventional Other Finished Aviation Gasoline Kerosene-Type Jet Fuel Sidilate Fuel Oil Sidilate		-	298 - 298 - -	10,424 10,424 10,424 10,424 10,50 15	492 - 492 178 - 314 0 0	341	- - 0 0 0 - 0 0 0 0	0 - 0 0 0 - 0 0	
Propane Normal Butane Isobutane Unfinished Oils Motor Gasoline Blending Components Reformulated - RBOB Conventional Other Biofuels (including Fuel Ethanol) Fuel Ethanol Biodiesel Renewable Diesel Fuel Other Biofuels Finished Motor Gasoline Reformulated Reformulated Blended with Fuel Ethanol Reformulated Reformulated With Fuel Ethanol Reformulated Reformulated Siended with Fuel Ethanol Reformulated Other Conventional Conventional Conventional Conventional Signature Greater than Ed55 Conventional Other Finished Aviation Gasoline Finished Aviation Gasoline Signature Finished Aviation Gasoline Signature Finished Fuel Signature Signa		-	298 - 298 - -	10,424 10,424 10,424 10,424 - 15	492 - 492 178 - 314 0 0	341	- - 0 0 0 - 0 0 0 0	0 - 0 0 0 - 0 0	
Normal Butane   Isobutane   Natural Gasoline   Unfinished Oils   Motor Gasoline Blending Components   10, Reformulated - RBOB   10, GTAB   10,		-	298 - 298 - -	10,424 10,424 10,424 10,424 - 15	492 - 492 178 - 314 0 0	341	- - 0 0 0 - 0 0 0 0	0 - 0 0 0 - 0 0	
Isobutane	222 	-	298 - 298 - -	10,424 10,424 - - 15 15 - -	492 - 492 178 - 314 0 0	341	0 0 0 0 0 0 0 0	0 - 0 0 0 - 0 0	- - - - - - - - 0
Natural Gasoline Unfinished Oils Motor Gasoline Blending Components Reformulated - RBOB Conventional Other Biofuels (including Fuel Ethanol) Fuel Ethanol Biodiesel Renewable Diesel Fuel Other Biofuels¹ Finished Motor Gasoline Reformulated Reformulated Other Conventional Conventional Biedse Blended with Fuel Ethanol Reformulated Reformulated Other Conventional Conventional Finished Aviation Gasoline Reformulated Greater than Ed55 Conventional Other Sids and Lower Greater than Ed55 Conventional Other Finished Aviation Gasoline Kerosene Distillate Fuel Oil 3, 15 ppm sulfur and under Greater than 500 ppm sulfur Residual Fuel Oil Less than 0.31 percent sulfur 0.31 to 1.00 percent sulfur	222 	-	298 - 298 - -	10,424 10,424 - - 15 15 - -	492 - 492 178 - 314 0 0	341	0 0 0 0 0 0 0 0	0 - 0 0 0 - 0 0	- - - - - - - - 0
Unfinished Oils  Motor Gasoline Blending Components  Reformulated - RBOB  Conventional  CBOB  Other  Biofuels (including Fuel Ethanol)  Fuel Ethanol  Biodiesel  Renewable Diesel Fuel  Other Biofuels  Finished Motor Gasoline  Reformulated  Reformulated Blended with Fuel Ethanol  Reformulated Other  Conventional  Conventional Blended with Fuel Ethanol  Ed55 and Lower  Greater than Ed55  Conventional Other  Finished Aviation Gasoline  Signature Greater than Ed55  Conventional Other  Signature Greater than Ed55  Conventional Other  Finished Aviation Gasoline  Kerosene-Type Jet Fuel  Signature Greater than Ed55  Cenventional Other  Finished Fuel Oil  Greater than 500 ppm sulfur  Greater than 500 ppm sulfur  Residual Fuel Oil  Less than 0.31 percent sulfur  0.31 to 1.00 percent sulfur	222 	-	298 - 298 - -	10,424 10,424 - - 15 15 - -	492 - 492 178 - 314 0 0	341	0 0 0 0 0 0 0 0	0 - 0 0 0 - 0 0	- - - - - - - - 0
Motor Gasoline Blending Components	222 	-	298 - 298 - -	10,424 10,424 - - 15 15 - -	492 - 492 178 - 314 0 0	341	0 0 0 0 0 0 0	0 - 0 0 0 - 0 0	0 
Reformulated - RBOB	- 222 24 - 98 15 - - -	-	- 298 - -	10,424 10,424 - - 15 15 - -		-	0 0 0 - 0 0 0	0 0 0 - 0 0 0	- C C - C C
Conventional 10, CBOB 10, GTAB 10, GTAB 10, Other 20 GTAB 10, Other 21 Biofuels (including Fuel Ethanol) 21 Biodiesel 22 Renewable Diesel Fuel 23 Other Biofuels 21 Finished Motor Gasoline 22 Reformulated Blended with Fuel Ethanol 23 Reformulated Other 24 Conventional 25 Conventional Blended with Fuel Ethanol 26 Greater than Ed55 Conventional Other 25 Finished Aviation Gasoline 26 Kerosene 27 Finished Aviation Gasoline 33 Kerosene 31 Serosene 33 Serosene 33 Serosene 33 Serosene 34 Serosene 35 Greater than 15 ppm to 500 ppm sulfur 31 Greater than 500 ppm sulfur 31 Residual Fuel Oil 32 Serosene 31 Serosene 33 Serosene 33 Serosene 34 Serosene 35 Serosene 36 Serosene 36 Serosene 37 Serosene 37 Serosene 37 Serosene 38 Serosene 39 Sero	24 	-	-	10,424 - - 15 15 - -	178 - 314 0 0 0	-	0 - 0 0 0 - - -	0 - 0 0	0 
CBOB	24 	- - - - - - - - -	-	10,424 - - 15 15 - -	178 - 314 0 0 0	-	0 - 0 0 0 - - -	0 - 0 0	0 - 0 0
GTAB Other Biofuels (including Fuel Ethanol) Fuel Ethanol Biodiesel Renewable Diesel Fuel Other Biofuels¹ Finished Motor Gasoline Reformulated Reformulated Blended with Fuel Ethanol Reformulated Other Conventional Conventional Biodiesel Conventional Conventional Conventional Finished Aviation Gasoline Greater than Ed55 Conventional Other Finished Aviation Gasoline Kerosene-Type Jet Fuel Sikerosene Distillate Fuel Oil Greater than 15 ppm to 500 ppm sulfur Greater than 50 ppm sulfur Residual Fuel Oil Less than 0.31 percent sulfur 0.31 to 1.00 percent sulfur	- 98 15 15 - -	- - - - - - -	- 298 - - - - - - -	- 15 15 - -	314 0 0 0 - -	-	- 0 0 0 - - -	0 0 0	- 0 0 0
Other	15 15 - -	- - - - - -	298 - - - - - - -	15 - - -	0 0 0 - -	-	0 0 - - -	0	0
Biofuels (including Fuel Ethanol) Fuel Ethanol Biodiesel Renewable Diesel Fuel Other Biofuels¹ Finished Motor Gasoline Reformulated Reformulated Blended with Fuel Ethanol Reformulated Other Conventional Ed55 and Lower Greater than Ed55 Conventional Other  Finished Aviation Gasoline Kerosene-Type Jet Fuel Distillate Fuel Oil Signature and under Greater than 15 ppm to 500 ppm sulfur Residual Fuel Oil Less than 0.31 percent sulfur 0.31 to 1.00 percent sulfur	15 15 - -	- - - - -	- - - - -	15 - - -	0 0 0 - -	-	0 0 - - -	0	0
Fuel Ethanol	15 - - -	- - - - -	-	15 - - -	0 0 - -	-	0	0	0
Biodiesel Renewable Diesel Fuel Other Biofuels¹ Finished Motor Gasoline Reformulated Reformulated Blended with Fuel Ethanol Reformulated Other Conventional Conventional Blended with Fuel Ethanol Ed55 and Lower Greater than Ed55 Conventional Other Finished Aviation Gasoline Kerosene-Type Jet Fuel Distillate Fuel Oil 3; 15 ppm sulfur and under Greater than 15 ppm to 500 ppm sulfur Greater than 500 ppm sulfur Residual Fuel Oil Less than 0.31 percent sulfur 0.31 to 1.00 percent sulfur	-	- - - -	- - -	- - -	_ _	- 341 - -	- - -	0 -	
Renewable Diesel Fuel	_ _ _ 15 _	- - - -	- - - -	- - - 915	_ _	341 - -	-	-	-
Other Biofuels1 Finished Motor Gasoline	- - 15 -	-	- - -	915	- - 126	341 - -	-	_	·
Finished Motor Gasoline	15 -	-	- - -	915	126	_	_		
Reformulated	-	-	-	915	120			- 0	-
Reformulated Blended with Fuel Ethanol Reformulated Other  Conventional	-	_	-				0	U	C
Reformulated Other Conventional Blended with Fuel Ethanol Ed55 and Lower Greater than Ed55 Conventional Other Finished Aviation Gasoline Kerosene-Type Jet Fuel Distillate Fuel Oil Greater than 15 ppm to 500 ppm sulfur Greater than 500 ppm sulfur Residual Fuel Oil Less than 0.31 percent sulfur 0.31 to 1.00 percent sulfur				-	-	-	-	_	
Conventional	-		-	-	-	-	-	-	_
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	_	_
Ed55 and Lower Greater than Ed55 Conventional Other Finished Aviation Gasoline Kerosene-Type Jet Fuel Distillate Fuel Oil Greater than 15 ppm to 500 ppm sulfur Greater than 500 ppm sulfur Besidual Fuel Oil Less than 0.31 percent sulfur 0.31 to 1.00 percent sulfur	15	-	-	915	126	-	0	0	С
Greater than Ed55 Conventional Other Finished Aviation Gasoline Kerosene-Type Jet Fuel	-	-	-	-	-	-	-	_	
Conventional Other	-	-	-	-	-	-	-	-	-
Finished Aviation Gasoline  Kerosene-Type Jet Fuel	-	-	-	-	-	-	-	_	_
Kerosene-Type Jet Fuel	15	-	-	915	126	-	0	0	C
Kerosene	14	-	-	44	-	-	0	_	C
Distillate Fuel Oil	53	-	226	3,537	151	-	0	0	C
15 ppm sulfur and under	-	-	-		-	-	-	_	
Greater than 15 ppm to 500 ppm sulfur		-	-	3,734	319	-	0	0	C
Greater than 500 ppm sulfur	53	-	-	3,653	275	-	0	0	C
Residual Fuel Oil	_	-	-		44	-	_	0	C
Less than 0.31 percent sulfur	31	-	-	81	-	-	0	_	C
0.31 to 1.00 percent sulfur	-	-	-	-	0	-	-	0	C
	-	-	-	-	0	-	-	0	C
	-	-	_	_	0	-	_	0	C
Greater than 1.00 percent sulfur	-	-	-	-	0	-	-	0	C
Petrochemical Feedstocks	-	-	_	_	0	-	-	0	C
Naphtha for Petrochemical Feedstock Use	-	-	-	-	0	-	-	0	C
Other Oils for Petrochemical Feedstock Use	-	-	-	_	0	-	_	0	C
Special Naphthas	-	-			24	-	-	0	C
	41	-	314	227	190	_	0	0	C
Waxes		-	_	_	-	-	_	_	
Marketable Petroleum Coke	-	-	-	_	-	_	_	-	-
	-	-	-	261	192	-	0	0	C
Miscellaneous Products	- - 31						_	0	C
Total	-	-	-	-	12	-		, 1	

 <sup>=</sup> No Data Reported.
 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.
 Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."